AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1.   (Previously Presented) A laundry dryer comprising:

a rotatable drum having an interior for holding laundry;

a moisture sensor, installed with respect to the interior of said rotatable drum, for measuring water content of the laundry in said rotatable drum and outputting a value indicative of the water content;

means for generating a voltage signal based on the water content signal where the amplitude of the voltage signal is dependent on water content, wherein the means converts the amplitude of the water content value output from said moisture sensor to a voltage and outputs a voltage signal;

a pulse detector for determining a contact count based on the water content signal and outputting a pulse count generated from a contact count of the laundry coming into contact with said moisture sensor wherein the pulse count is indicative of the contact count; and

a microcomputer for controlling a drying cycle based on the pulse count and the voltage signal.

2.   (Previously Presented) The laundry dryer as claimed in claim 1, wherein the pulse count output from said pulse detector is directly indicative of an amount of laundry in said rotatable drum.

3.   (Previously Presented) The laundry dryer as claimed in claim 2, wherein the drying cycle is determined by the amount of laundry in said rotatable drum.

4.   (Previously Presented) The laundry dryer as claimed in claim 1, further comprising a heater for heating air in said rotatable drum and motor for rotating said rotatable drum, said heater and motor being driven according to the drying cycle, wherein said microcomputer drives said heater and motor based on the pulse count output from said pulse detector.

5.   (Previously Presented) The laundry dryer as claimed in claim 1, wherein said converting means is a voltage converter connected between said moisture sensor and said microcomputer.

6.   (Canceled)

7.   (Canceled)

8   (Canceled)